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P18580.A04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Nobuaki ABE

Group Art Unit : 2721

Appl. No : 09/488,677

Examiner: Not Yet Assigned

Filed : January 21, 2000

For : IMAGE COMPRESSION AND EXPANSION APPARATUS  
AND PIXEL NUMBER INCREASING APPARATUS

**PRELIMINARY AMENDMENT**

Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

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APR 27 2000  
TECH CENTER 2700

Prior to the examination of the above-identified patent application, the Examiner is respectfully requested to amend the specification and claims as follows:

IN THE SPECIFICATION

Please enter the following changes to the specification:

Page 15, line 5,

change 
$$I'_{yx}(s,t) = \frac{1}{4} \sum_{u=0}^7 \sum_{v=0}^7 C_u C_v D_{vu}^{(s,t)} \cdot \cos \frac{(2x+1)u\pi}{128} \cos \frac{(2y+1)v\pi}{128} \dots (9) \quad \text{to}$$

where,  $0 \leq x \leq 63, 0 \leq y \leq 63$